

# FAUCET WATER FILTER MANUAL

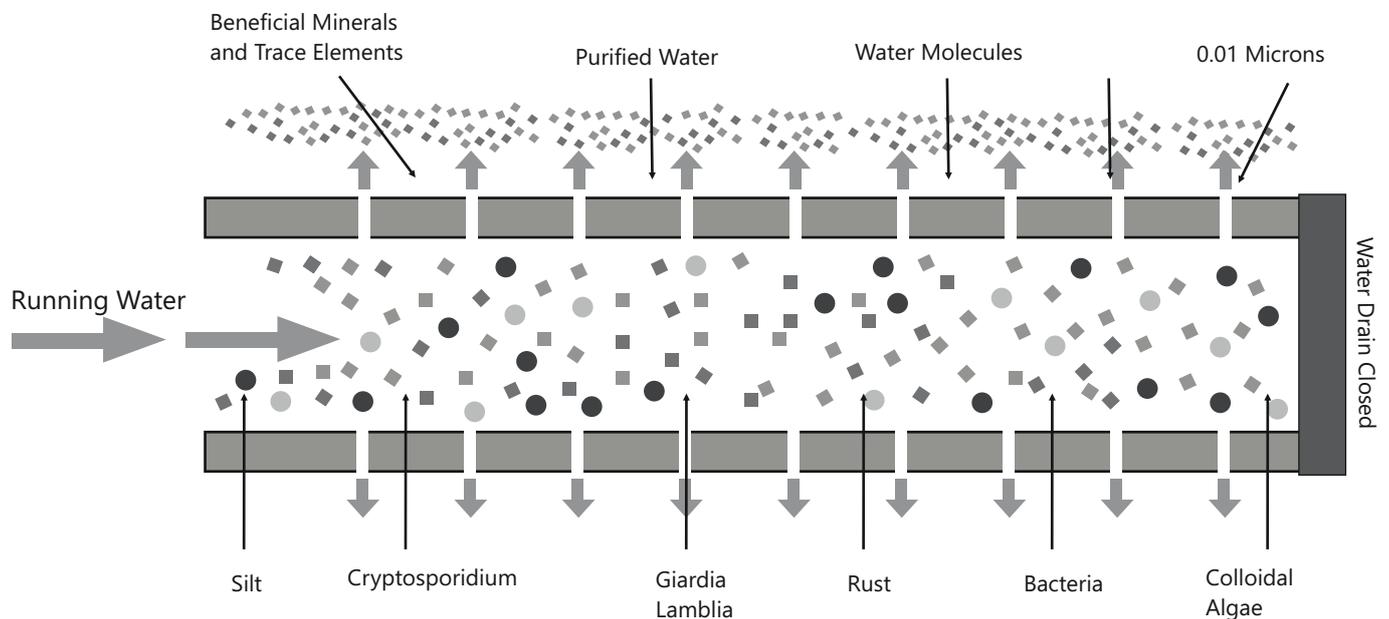
In order to use and maintain this product correctly, please read the manual carefully before use.

## I. Functions

- ☒ Multi-stage water filtration technology effectively removes sediment, rust, bacteria, colloid, algae, macromolecular organic matter and other harmful substances, also keeps the beneficial minerals, trace elements in the water and purified water is drinkable.
- ☒ Food-grade hydrophilic membrane material contains no lead, not constitute a secondary pollution, it is safe, green and environmental protection, so guarantee the production water quality.
- ☒ No need electricity, rely on pressure itself, no waste water during the process of purification, safety and energy saving.
- ☒ Hydrophilic UF membrane molding process, membrane surface highly polished, not easy to fouling and easy for washing and draining, to ensure quality of water and flow.
- ☒ Activated carbon filter, effectively remove residual chlorine, chloroform, bleach, metal ions, pesticides and other chemicals, odor and different

## II. Working Principle of The Ultrafiltration Membrane

Working principle of the Ultrafiltration Membrane adopts Polysulfone, which has high accuracy of pure physical filtration with precision degree of 0.01 microns. It can effectively remove sediment, rust, colloid, bacteria, algae, and large molecular organic compounds and other harmful substances in the water, also protect beneficial minerals and trace elements so that it becomes direct drinking water.



II.1 Hollow fiber ultrafiltration membrane filtration principle diagram

## III. Technical Parameter

**Product Name:** Faucet Water Filter

**Product Model:** FH2018-1-AQ/ FH2018-2-AQ

**Product Size:** 17.2x8x6.8cm

**Water Source:** City water

**Filtration Precision:** 0.01 micron

**Filtration methods:** Physical filtration

**Suitable Ambient:** 5 ~ 40°C

**Suitable pressure:** 0.1-0.4MPA

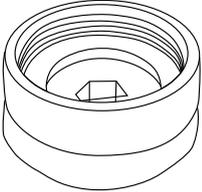
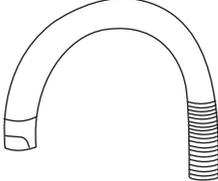
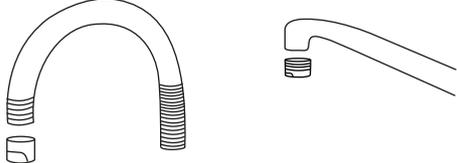
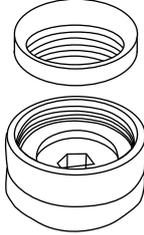
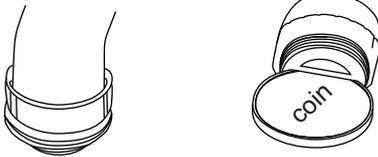
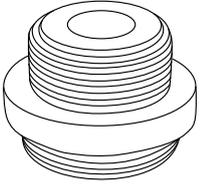
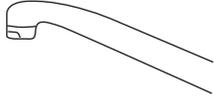
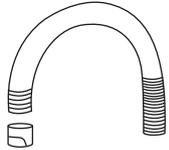
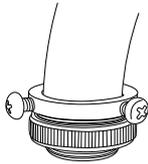
**Suitable temperature:** 5 ~ 45°C

**Pure Water Flow:** 1.5-2.SL/min

## IV. Installation Methods

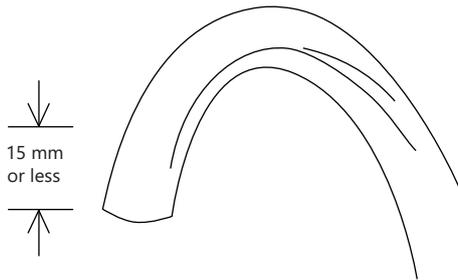
This filter is equipped with 10 thread connectors, 5 internal thread connectors, 3 external thread connectors, 1 metal conversion connector and 1 universal conversion connector.

**Note:** No need any tool when install the inlet water converter on the faucet, tight it with the hand only.

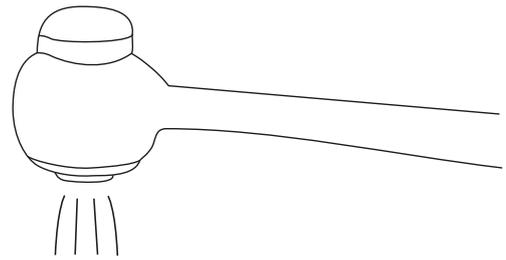
Connector Type	Faucet Style	Installation Method and Directions
<p><b>Internal Thread Connector</b></p> 		<p><b>Top end connects to External thread tap, bottom end connects to filter.</b></p> <p>1. Unscrew the faucet aerators and take out the gasket.</p>  <p>2. Put the gasket into the groove connector.</p>  <p>3. Rotate the connector to tap and tighten by coin. Block the water outlet by Fingers, turn on the tap, check wheter Water Leak or not at the connection.</p> 
<p><b>External Thread Connector</b></p> 		<p><b>If If all above conversion connector don't match the tap, can use the universal conversion connector to install.</b></p> <p>1. Unscrew the faucet aerators and remove the gasket</p>  <p>2. Unscrew the upper part of the connector and set into tap. Rotate the three screws the same number of laps to tighten.</p>  <p>3. Tighten the lower part of the connector to the upper part. Block water outlet with fingers and turn on tap to check connection for leaks.</p> 

## V. Faucets in which the faucet filter cannot be installed.

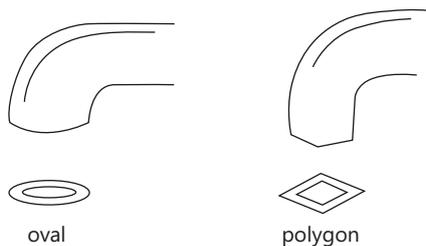
⊗ Faucet front end to lower edge is 15mm or less.



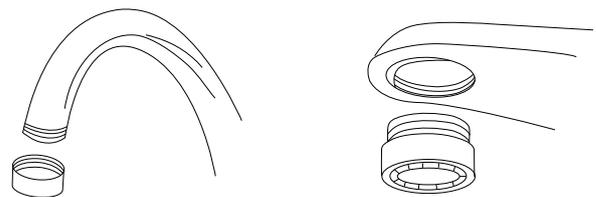
⊗ Faucet front end with aspersed type shower head.



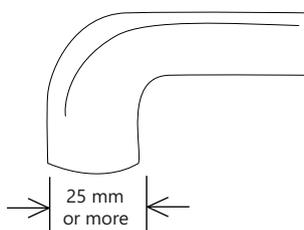
⊗ Faucet front end abnormality.



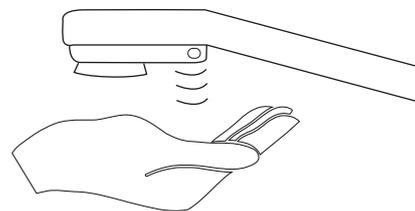
⊗ Faucet front end diameter and conversion connector don't match.



⊗ Faucet front end diameter is 25mm or more.



⊗ Equipped with sensor faucets.



### ⚠ Attention:

1. Don't take apart or modified the unit without authorization.
2. Don't allow contact with corrosive substances.
3. Don't allow contact with fire.
4. The faucet filter cannot be used in less than 4°C environment! Prevent cracks and leaks caused by freezing water inside pipe because of low

### How to use

After installation, faucet filter is ready to use.

### ⚠ Attention:

Before first use, turn faucet filter to filtration setting and flush the filter. There may be a small amount of black residue in water when the faucet filter is set to the filtration setting. Continue to flush, the filter is ready for use when the water runs clear.

## VI. Maintenance and cartridge replacement

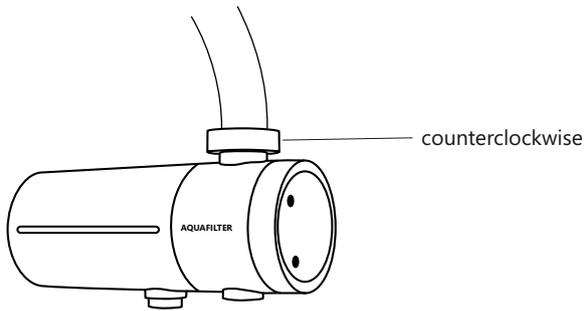
### Maintenance

Replace the filter cartridge regularly, keep water clean to ensure that the product water quality reach the standard. Time of cartridge replacement is depending on water source quality and user experience wiht the product. According to statistics, typical family (three people) daily use of pure water is about 6 liters (6 kg). When source water is municipal tap water, it is suggested to replace the filter cartridge about 12-18 months.

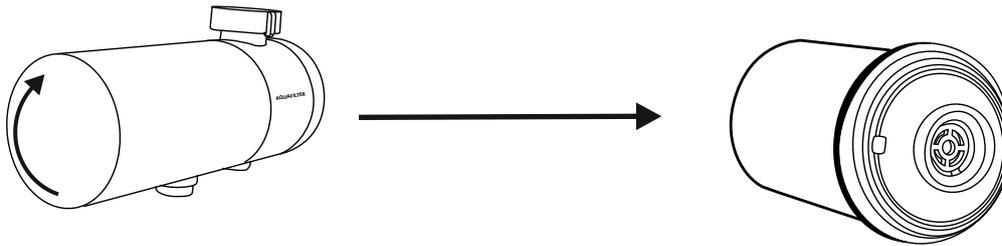
## Filter cartridge replacement

Please follow the steps how to install cartridge filter. Warrianty does not apply to the product damage affected from wrong use of the product.

1. Rotate the union connector above the tap filter counterclockwise, remove the water purifier.

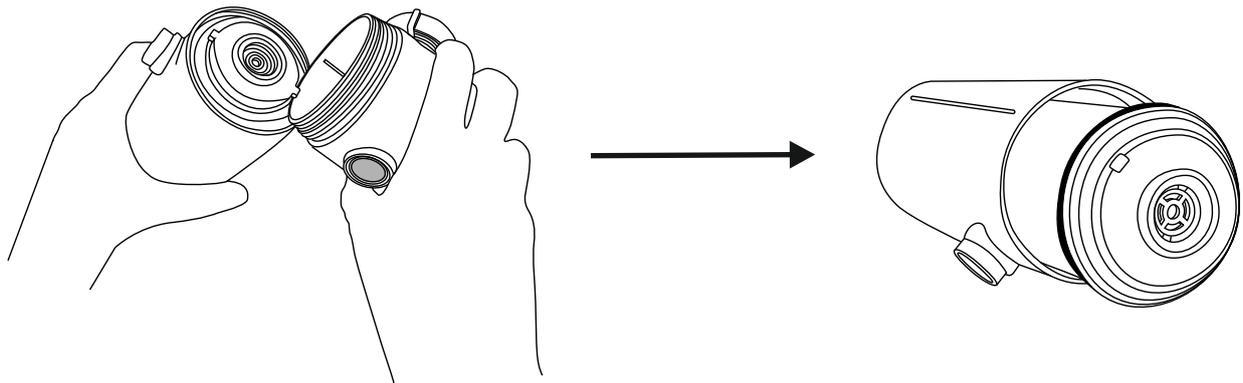


2. Rotate the tap filter body counterclockwise, take out the filter cartridge.

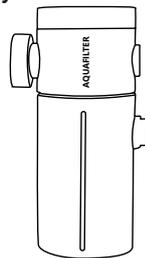


3. Check whether there is any foreign matter in sealing ring and remove it if it exists.

4. Take out the new filter cartridge, make sure it with sealing ring and sealing ring pad, then put the cartridge into faucet filter housing.



5. Filter housing vertical upward, rotate the housing into the main body counterclockwise. Note: the filter housing silver adornment to align with the arrow direction of main body.



6. Connect the water purifier to faucet again, filter cartridge replacement is finished.

### NOTE:

1. After use the tap filter, it should remain UF membrane filter in wet state, if the UF membrane dry, it will cause the water production drop sharply and cannot be restored.
2. Without use the tap filter for more than three days, flush the tap filter for 2-5 minutes when use it again, until discharge the remaining water in the tap filter.
3. In the case of tap water is cut off, please open the sewage water faucet to drain the sediment, rust in the water pipe, and then open the pure water faucet for clean water.
4. Total pure water production is related to source water quality, if source water quality is good, the total pure water production will rise, if source water quality is bad, the total pure water production will decrease, and the corresponding filter cartridge service life will be slightly shorter.
5. Often flushing water purifier can effectively extend its service life.
6. Use the water purifier for long time, water production will gradually decline, but water production quality is same as the initial use, you can reassure yourself to use it.
7. When water purifier breakdown occurs, please shut off the water inlet valve immediately, cut off the water inlet of the water purifier, please do not disassemble by yourself.
8. Cartridge disposal: Usually the filter has to dry for a couple of days first. Then you can wrap it in plastic and ship it in an appropriate container. Recycle if possible. Otherwise throw in trash.